

Abstract

The Escape-Right is an emergency escape system comprising: a passenger harness, a cable, a reel, a shaft fixed to the reel permitting rotation of the reel as the cable is unrolled, a reduction gear assembly, a centrifugal brake assembly, a housing enclosing the brake assembly, and a mounting means. The escape right is a means to escape or descend from the upper floors of a building when the usual exits are unavailable. The Escape-Right may be anchored to prepared points, heavy objects within the building, or a ladder placed near the exit portal. The braking mechanism may be attached to the anchor point or the user. In some configurations of the Escape-Right multiple descents may be accomplished without rewinding the cable.